

CLAIMS.

5 1. A mobile communication terminal served by a mobile communication network, comprising:
 a communication portion for accessing a server network-connected through said mobile communication network through a radio channel, and downloading site screen data provided by said server;
 a display portion for displaying the downloaded site screen data;
 a recording portion for recording said site screen data in a non-volatile memory; and
 a display control portion for reading from said non-volatile memory said site screen data recorded by said recording portion and displaying it on said display portion.

10 2. A mobile communication terminal in accordance with claim 1, wherein said site screen data includes image data.

15 3. A mobile communication terminal in accordance with claim 1, wherein said display control portion displays said site screen data on said display portion as a reception standby screen when said mobile communication terminal is in a reception standby state.

20 4. A mobile communication terminal in accordance with claim 1, wherein said display control portion displays said site screen data on said display portion as a downloading screen when said mobile communication terminal downloads data from a server network-connected to said mobile communication network.

25 5. A mobile communication terminal in accordance with claim 1, wherein said display control portion displays said site screen data so as to fit the size of a display region of said display portion.

6. A mobile communication terminal in accordance with claim 1, wherein said display control portion generates a repeating pattern of said site screen data to display on said display portion.

5 7. A mobile communication terminal in accordance with claim 1, further comprising a recordability determining portion for determining whether or not said site screen data may be recorded by said recording portion.

10 8. A mobile communication terminal in accordance with claim 7, wherein said recordability determining portion performs the determination by referring to copyright information appended to said site screen data.

15 9. A mobile communication terminal in accordance with claim 7, wherein said recordability determining portion performs the determination by referring to data size information appended to said site screen data.

10. A mobile communication terminal in accordance with claim 7, further comprising:

15 a connecting portion for connecting a memory medium for storing communication setting information needed for communications through said mobile communication network; and

20 a readout portion for reading said communication setting information from said memory medium; wherein

25 said communication portion downloads predetermined information appended to said site screen data along with said data by accessing said server based on the read communication setting information; and

25 said recordability determining portion performs the determination by referring to said predetermined information appended to the downloaded site screen data, and said communication setting information.

11. A mobile communication terminal in accordance with claim 7, further comprising:

1 a connecting portion for connecting a memory medium storing communication setting information needed for communications through said mobile communication network, and a key for decrypting said site screen data which has been encrypted; and

5 a readout portion for reading said communication setting information and said key from said memory medium; wherein

10 said communication portion downloads said site screen data which has been encrypted, by accessing said server based on the read communication setting information; and

15 said recordability determining portion performs said determination according to whether or not a key to decrypt the downloaded site screen data is stored in said memory medium.

12. A mobile communication terminal in accordance with claim 1, wherein:

15 said recording portion records a plurality of types of said site screen data downloaded by said communication means to said non-volatile memory; and

20 comprises a selecting portion for selecting the site screen data to be displayed on said display portion from among the plurality of types of site screen data which are recorded; and wherein:

25 said display control portion reads the site screen data selected by said selecting portion from said non-volatile memory and displays it on said display portion.

13. A mobile communication terminal in accordance with claim 1, wherein said mobile communication terminal is a portable telephone device.

14. A mobile communication terminal served by a mobile communication network, comprising:

30 a communication portion for receiving through a radio channel image data sent from a second terminal device network-connected through said mobile communication network;

a recording portion for recording the received image data in a non-volatile memory;

5 a display portion for displaying a reception standby screen; and a display control portion for reading from said non-volatile memory said image data recorded by said recording portion, and displaying it on said display portion as a reception standby screen.

10 15. A mobile communication terminal served by a mobile communication network, comprising:

a communication portion for receiving through a radio channel image data sent from a second terminal device network-connected through said mobile communication network;

15 a recording portion for recording the received image data in a non-volatile memory;

a display portion for displaying a data downloading screen; and a display control portion for reading the image data recorded by said recording portion from said non-volatile memory and displaying it on said display portion as a downloading screen.

20 16. A mobile communication terminal in accordance with either claim 14 or 15, wherein said display control portion displays said image data so as to fit the size of a display region of said display portion.

17. A mobile communication terminal in accordance with either claim 14 or 15, wherein said display control portion generates a repeating pattern of said image data to display on said display portion.

25 18. A mobile communication terminal in accordance with either claim 14 or 15, further comprising a recordability determining portion for determining whether or not said image data may be recorded by said recording portion.

19. A mobile communication terminal in accordance with claim 18, wherein said recordability determining portion performs the determination by referring to copyright information appended to said image data.

5 20. A mobile communication terminal in accordance with claim 18, wherein said recordability determining portion performs the determination by referring to data size information appended to said image data.

10 21. A mobile communication terminal in accordance with claim 18, comprising:

a connecting portion for connecting a memory medium for storing communication setting information needed for communications through said mobile communication network; and

15 a readout portion for reading said communication setting information from said memory medium; wherein

said communication portion receives predetermined information appended to said image data along with said data sent from said second communication terminal based on said communication setting information; and

20 said recordability determining portion performs the determination by referring to said predetermined information appended to the downloaded image data, and said communication setting information.

22. A mobile communication terminal in accordance with claim 18, comprising:

25 a connecting portion for connecting a memory medium storing communication setting information needed for communications through said mobile communication network, and a key for decrypting said image data which has been encrypted; and

a readout portion for reading said communication setting information and said key from said memory medium; wherein

5 said communication portion receives image data which has been encrypted and sent from said second communication terminal based on the read communication setting information; and

5 said recordability determining portion performs said determination according to whether or not a key to decrypt the downloaded image data is stored in said memory medium.

10 23. A mobile communication terminal in accordance with claim either claim 14 or 15, wherein:

15 said recording portion records a plurality of types of said image data downloaded by said communication means to said non-volatile memory; and

20 comprises a selecting portion for selecting the image data to be displayed on said display portion from among the plurality of types of image data which are recorded; and wherein:

25 said display control portion reads the image data selected by said selecting portion from said non-volatile memory and displays it on said display portion.

30 24. A mobile communication terminal in accordance with either claim 14 or 15, wherein said mobile communication terminal is a portable telephone device.

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